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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application of : Schultz, G. et al ) Art Unit: 1645  
Serial No. : 09/812,143 ) Examiner:  
Confirmation No. : 9439  
Filed : March 19, 2001  
For : Non-selective cation channel  
Docket No. : 1/1128

U.S. Patent and Trademark Office  
**Box Sequence, P. O. Box 2327**  
Arlington VA 22202

**SECOND PRELIMINARY AMENDMENT**

Sir:

Submitted herewith is: (1) a copy of a Substitute Sequence Listing in paper and CRF and (2) a copy of the Sequence Listing filed on September 14, 2001 with changes indicated in red ink thereon. Prior to examination on the merits, please amend the above-identified application as follows:

**IN THE SPECIFICATION:**

In compliance with 37 C.F.R. §1.823(a), please insert the attached paper copy of the Substitute Sequence Listing after the last page of the above-identified application.

**REMARKS**

The paper copy of the Substitute Sequence Listing for the subject application, is by this amendment, added after the last page of the application. The Substitute Sequence Listing conforms to margin requirements and identifies the first named inventor at <110>. No changes have been made to the sequences. This Preliminary Amendment does not introduce new subject matter as support is found in the application filed.

[illegible]

Susan K. Pochiani

Patent Department  
Boehringer Ingelheim Corp.  
900 Ridgebury Road  
P.O. Box 368  
Ridgefield, CT 06877  
Tel: (203) 798- 5648  
Date: May 31, 2002

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to:

Susan K. Peckham

Susan K. Pocchiari